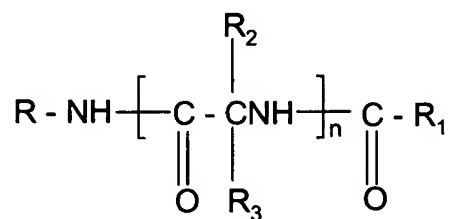


**IN THE CLAIMS:**

Please amend the Claims as follows:

1-34. (Cancelled)

35. (Currently Amended) A method of treating a patient suffering from bipolar disease comprising administering thereto a therapeutically effective amount of a compound for treating bipolar disease, said compound having the formula:



wherein

R is hydrogen, lower alkyl, lower alkenyl, lower alkynyl, aryl, aryl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, and R is unsubstituted or is substituted with at least one electron withdrawing group or electron donating group;

~~R<sub>1</sub> is hydrogen or lower alkyl, lower alkenyl, lower alkynyl, aryl lower alkyl, aryl, heterocyclic lower alkyl, heterocyclic, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, each unsubstituted or substituted with an electron donating group or an electron withdrawing group; and~~

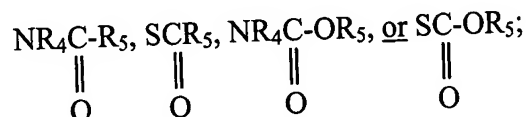
R<sub>2</sub> and R<sub>3</sub> are independently hydrogen, lower alkyl, lower alkenyl, lower alkynyl, aryl lower alkyl, aryl, halo, heterocyclic, heterocyclic lower alkyl, lower alkyl heterocyclic,

lower cycloalkyl, lower cycloalkyl lower alkyl, or Z-Y wherein  $R_2$  and  $R_3$  may be unsubstituted or substituted with at least one electron withdrawing group or electron donating group;

Z is O, S,  $S(O)_a$ ,  $NR_4$ , or  $PR_4$ ;

Y is hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl, lower alkynyl, heterocyclic, heterocyclic lower alkyl, and Y may be unsubstituted or substituted with an electron donating group or an electron withdrawing group, or

ZY taken together is  $NR_4NR_5R_7$ ,  $NR_4OR_5$ ,  $ONR_4R_7$ ,  $OPR_4R_5$ ,  $PR_4OR_5$ ,  $SNR_4R_7$ ,  $NR_4SR_7$ ,  $SPR_4R_5$ ,  $PR_4SR_7$ ,  $NR_4PR_5R_6$ , or  $PR_4NR_5R_7$ ,



$R_4$ ,  $R_5$  and  $R_6$  are independently hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl, or lower alkynyl, wherein  $R_4$ ,  $R_5$  and  $R_6$  may be unsubstituted or substituted with an electron withdrawing group or an electron donating group; and

$R_7$  is  $COOR_8$ ,  $COR_8$ , hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl or lower alkynyl wherein  $R_7$  may be unsubstituted or substituted with an electron withdrawing group or electron donating group;

$R_8$  is hydrogen or lower alkyl, or aryl lower alkyl, and the aryl or alkyl group may be unsubstituted or substituted with an electron withdrawing group or an electron donating group; and

n is 1-4; and

a is 1-3.

36. (Original) The method according to Claim 35 wherein one of R<sub>2</sub> and R<sub>3</sub> is hydrogen.

37. (Original) The method according to Claim 35 wherein n is 1.

38. (Original) The method according to Claim 35 wherein one of R<sub>2</sub> and R<sub>3</sub> is hydrogen and n is 1.

39. (Original) The method according to Claim 35 wherein R is aryl lower alkyl and R<sub>1</sub> is lower alkyl.

40. (Currently Amended) The method according to Claim 35 wherein R<sub>2</sub> and R<sub>3</sub> are independently lower alkyl, aryl, aryl lower alkyl ~~aryl lower alkyl~~, heterocyclic, heterocyclic lower alkyl, or ZY;

Z is O, NR<sub>4</sub> or PR<sub>4</sub>;

Y is hydrogen, lower alkyl, aryl, aryl lower alkyl ~~aryl lower alkyl~~, heterocyclic or heterocyclic lower alkyl; or

ZY taken together is NR<sub>4</sub>NR<sub>5</sub>R<sub>7</sub>, NR<sub>4</sub>OR<sub>5</sub>, ONR<sub>4</sub>R<sub>7</sub>, NR<sub>4</sub>C-R<sub>5</sub>, or NR<sub>4</sub>C-OR<sub>5</sub>; and

$$\begin{array}{cc} \parallel & \parallel \\ \text{O} & \text{O} \end{array}$$

R<sub>4</sub>, R<sub>5</sub> and R<sub>7</sub> are independently hydrogen, lower alkyl, aryl or aryl lower alkyl.

41. (Currently Amended) The method according to Claim 40 wherein R<sub>2</sub> is hydrogen and R<sub>3</sub> is lower alkyl, aryl, aryl lower alkyl ~~aryl lower alkyl~~, heterocyclic, heterocyclic lower alkyl or ZY;

Z is O, NR<sub>4</sub> or PR<sub>4</sub>;

Y is hydrogen, lower alkyl, aryl, aryl lower alkyl ~~aryl lower alkyl~~, heterocyclic or heterocyclic lower alkyl; or

ZY taken together is  $\text{NR}_4\text{NR}_5\text{R}_7$ ,  $\text{NR}_4\text{OR}_5$ ,  $\text{ONR}_4\text{R}_7$ ,  $\text{NR}_4\text{C}(=\text{O})\text{R}_5$ , or  $\text{NR}_4\text{C}(=\text{O})\text{OR}_5$ ; and

$\text{R}_4$ ,  $\text{R}_5$  and  $\text{R}_7$  are independently hydrogen, lower alkyl, aryl or aryl lower alkyl.

42. (Original) The method according to Claim 41 wherein

$\text{R}_2$  is hydrogen and  $\text{R}_3$  is lower alkyl, which may be unsubstituted or substituted with an electron donating or electron withdrawing group,  $\text{NR}_4\text{OR}_5$ , or  $\text{ONR}_4\text{R}_7$ .

43. (Currently Amended) The method according to Claim 41 wherein  $\text{R}_3$  is lower alkyl which is unsubstituted or substituted with hydroxy or lower alkoxy ~~loweralkoxy~~,  $\text{NR}_4\text{OR}_5$  or  $\text{ONR}_4\text{R}_7$ , wherein  $\text{R}_4$ ,  $\text{R}_5$  and  $\text{R}_7$  are independently hydrogen or lower alkyl,  $\text{R}$  is aryl lower alkyl ~~loweralkyl~~, which aryl group may be unsubstituted or substituted with an electron withdrawing group and  $\text{R}_1$  is lower alkyl.

44. (Original) The method according to Claim 41 wherein  $\text{R}_3$  is heterocyclic.

45. (Original) The method according to Claim 44 wherein heterocyclic is heteroaromatic.

46. (Original) The method according to Claim 45 wherein  $\text{R}_3$  is furyl, pyridyl, thienyl or thiazolyl.

47. (Original) The method according to Claim 43 wherein aryl is phenyl.

48. (Original) The method according to Claim 43 wherein aryl is phenyl and is unsubstituted or substituted with halo.

49. (Currently Amended) The method according to Claim 35 wherein the compound is (R)-N-Benzyl-2-~~acetamide~~ acetamido-3-methoxy-propionamide;

O-methyl-N-acetyl-D-serine-m-fluorobenzylamide;

O-methyl-N-acetyl-D-serine-p-fluorobenzylamide;

N-acetyl-D-phenylglycinebenzylamide;

D-1,2-(N, O-dimethylhydroxylamino)-2-~~acetamide~~ acetamido acetic acid

benzylamide;

D-1,2-(O-methylhydroxylamino)-2-acetamido acetic acid benzylamide.

50-53. (Cancelled)

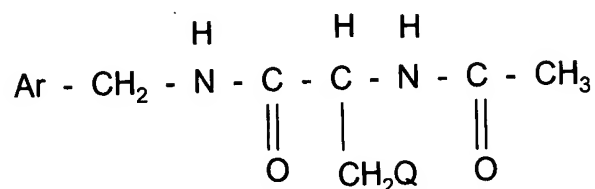
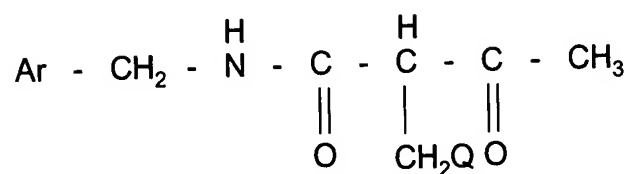
54. (Currently Amended) The method according to Claim ~~50~~ 35 wherein the electron withdrawing group and electron donating group are selected from the group consisting of halo, nitro, carboxy, lower alkenyl, lower alkynyl, formyl, carboxyamido, trifluoromethyl, lower alkoxy carbonyl, hydroxy, lower alkoxy, lower alkyl, amino, lower alkylamino, diloweralkylamino, mercapto, loweralkylthio, and lower alkylthio.

55-56. (Cancelled)

57. (Original) The method according to Claim 35 wherein the carbon atom which is substituted by R<sub>2</sub> and R<sub>3</sub> is in the D configuration.

58-67. (Cancelled)

68. (Currently Amended) The method of Claim 35 wherein the compound is of the formula:



wherein

Ar is aryl which is unsubstituted or substituted with an electron donating or electron withdrawing group, and

Q is lower alkoxy ~~lower alkoxy~~.

69. (Original) The method according to Claim 68 wherein Ar is unsubstituted aryl or aryl substituted with halo.

70. (Original) The method according to Claim 68 wherein Q is methoxy.

71. (Original) The method according to Claim 68 wherein Q is methoxy and Ar is unsubstituted aryl or aryl substituted with halo.

72. (Original) The method according to Claim 68 wherein the carbon atom which is bonded to  $\text{CH}_2\text{Q}$  is in the D configuration.